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Anti-TPBG Reference Antibody (PF-06263507)

Recombinant Antibody
Catalog # APR10069

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q13641
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	46032

Additional Information

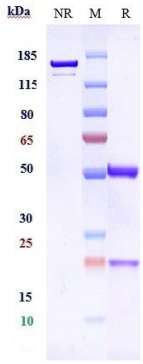
Target/Specificity	TPBG
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Protein Information

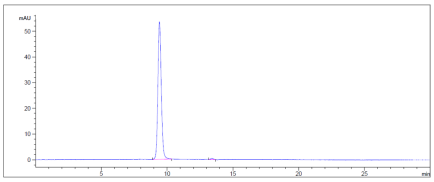
Name	TPBG
Synonyms	5T4
Function	May function as an inhibitor of Wnt/beta-catenin signaling by indirectly interacting with LRP6 and blocking Wnt3a-dependent LRP6 internalization.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed by all types of trophoblasts as early as 9 weeks of development. Specific for trophoblastic cells except for amniotic epithelium. In adult tissues, the expression is limited to a few epithelial cell types but is found on a variety of carcinoma

Images

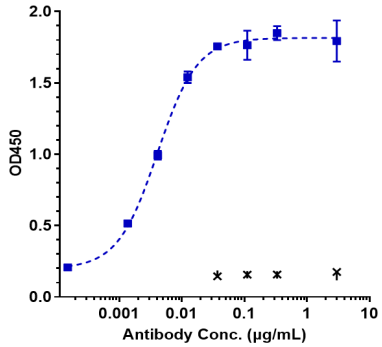
Anti-TPBG Reference Antibody (PF-06263507) on SDS-PAGE under reducing (R) condition. The purity of the



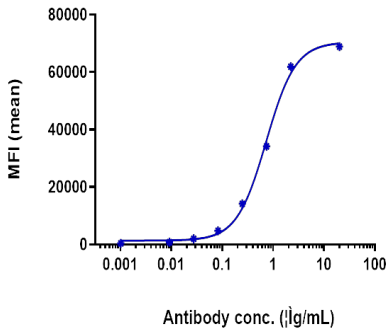
protein is greater than 95%.



The purity of Anti-TPBG Reference Antibody (PF-06263507) is 99.25%, determined by SEC-HPLC.



Immobilized human 5T4 His at 2 ug/mL can bind Anti-TPBG Reference Antibody (PF-06263507), EC50=0.004604 ug/mL.



Human 5T4 HEK293 cells were stained with Anti-TPBG Reference Antibody (PF-06263507) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.7286 ug/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.